

CLAIMS

What is claimed is:

[0015] 1. A method of deploying and retracting an ear piece attached to a mobile phone, the method comprising the steps of:
producing a bias signal upon detection of the ear piece being deployed;

coupling the bias signal to a bias signal port of the mobile phone;

determining if an incoming call exist upon receiving the bias signal at the bias signal port;

activating a communications channel if an incoming call exists.

[0016] 2. The method of deploying and retracting an ear piece attached to a mobile phone as recited in claim 1 further comprising the step of deactivating the communications channel upon retraction of the ear piece.

[0017] 3. A method of deploying and retracting an ear piece attached to a mobile phone, the method comprising the steps of:
producing a bias signal upon detection of the ear piece being deployed;

coupling the bias signal to a bias signal port of the mobile phone;

receiving a transmission on a communication channel;

determining if a bias signal exist at the bias signal port;

activating a communications channel if the bias signal exists.

[0018] 4. The method of deploying and retracting an ear piece attached to a mobile phone as recited in claim 1 further comprising the step of deactivating the communications channel upon retraction of the ear piece.

[0019] 5. A mobile communications device comprising:
an attachable device having a deployable and retractable ear piece and at least one output node, the at least one output node comprising an output node containing a bias signal when the ear piece is deployed; and

a mobile phone having at least one signal port, the at least one signal port includes a bias signal port electrically coupled to the at least one output node, the mobile phone activating a communications channel upon receiving an incoming transmission and the bias signal.

[0020] 6. The mobile communications device as recited in claim 5, wherein the attachable device further comprises an engagement slot.

[0021] 7. The mobile communications device as recited in claim 6 further comprising:

a support member having an engagement member for coupling with the engagement slot;

at least one signal lead for electrically coupling to the at least one output node, the at least one signal lead comprises a signal lead electrically coupled the output node and the bias signal port; and

at least one latching mechanism.

[0022] 8. The mobile communications device as recited in claim 7, wherein the mobile phone further comprises at least one slot for receiving the at least one latching mechanism.

[0023] 9. The mobile communications device as recited in claim 5, wherein the mobile phone further comprises an audio port electrically coupled to the at least one signal lead.

[0024] 10. The mobile communications device as recited in claim 5, wherein the attachable device further comprises:

- a friction wheel for deploying and retracting the ear piece;
- a voltage source; and
- a switch electrically coupled to the friction wheel, the voltage source, and the output node, the switch having a closed state when the ear piece is deployed and an open state when the ear piece is retracted.

[0025] 11. The mobile communications device as recited in claim 5 further comprises the mobile phone deactivating the communications channel upon retraction of the ear piece.